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# ***OAR Box 1192***

*Prepped by Candice Davis*

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***Document Number:***

**134) IV-D-196**

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***Docket Number:***

**A-90-16**

A-90-16  
IV-D 196

**TOYOTA TECHNICAL CENTER, U.S.A., INC.**  
**ANN ARBOR BRANCH**

1588 WOODRIDGE, RR #7, ANN ARBOR, MI 48105, PHONE (313) 769-1350

October 26, 1990

Air Docket Section (LE-131)  
U.S. Environmental Protection Agency  
Room M-1500,  
401 M Street, S.W.  
Washington, D.C. 20460

RECEIVED  
OCT 29 1990

Attention : Docket No. A-90-16

Subject : Submission Of Toyota's Emission Test Results With MMT Fuel Additive

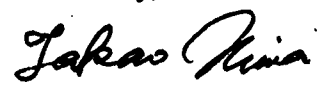
Toyota has already submitted the comments reagarding the May 9, 1990, Ethyl Corporation's request for the MMT waiver, dated July 20, 1990. We have been performing a vehicle durability test with 1/32g MMT added fuel, the emission test was conducted at 20,000 miles. Although the data is obtained from one vehicle, we are submitting the data for your information.

As shown, the results of CO and NOx emissions are hardly effected. However, HC emissions increase as mileage is accumulated. These results correspond to our past test results with 1/16 gMn MMT attached to our comments above.

We believe that final action to this application should be determined after careful consideration.

If there are any questions regarding the enclosed information, please contact Mr. Kazuya Kibe of my staff in the Emission Certification Department of Toyota Technical Center U.S.A., Inc., Ann Arbor Branch.

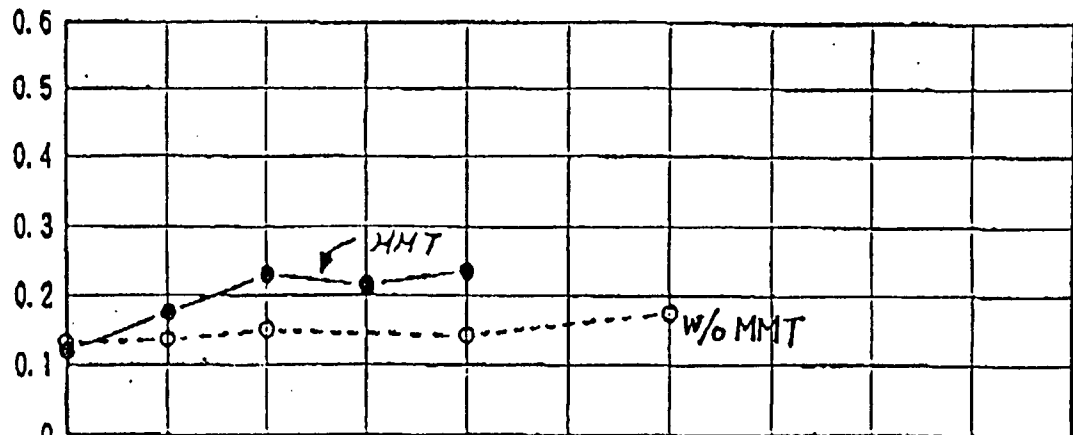
Sincerely,

*for*   
Kenji Ito  
Executive Vice President

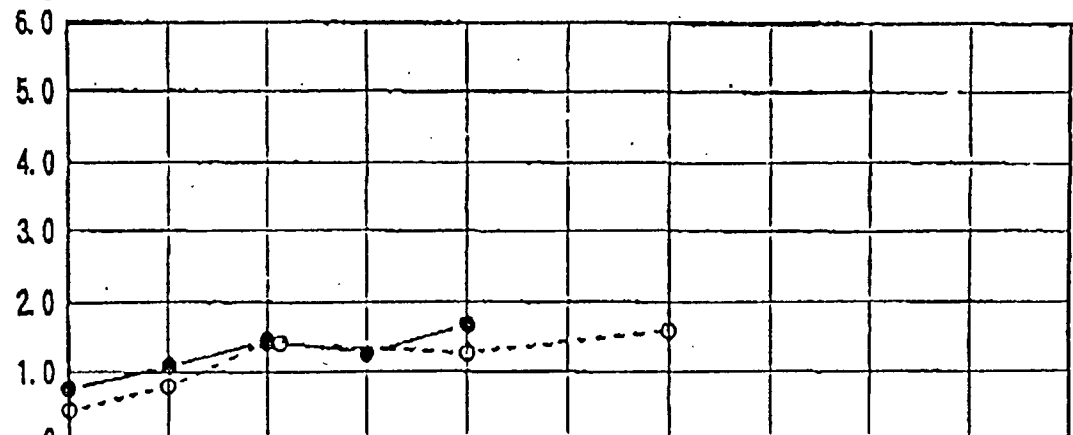
cc : Mr. Richard D. Wilson  
Ms. Mary T. Smith  
Mr. Jim Caldwell

'90 MY Camry  
2.0L / L4 (3S-FE)

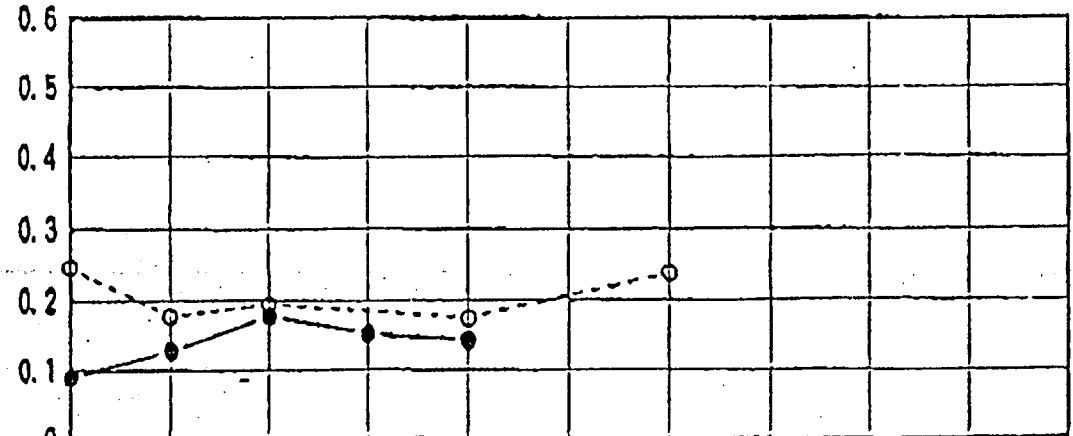
T. HC  
(g/mile)



CO  
(g/mile)



NOx  
(g/mile)



Mileage (x10<sup>4</sup> miles)